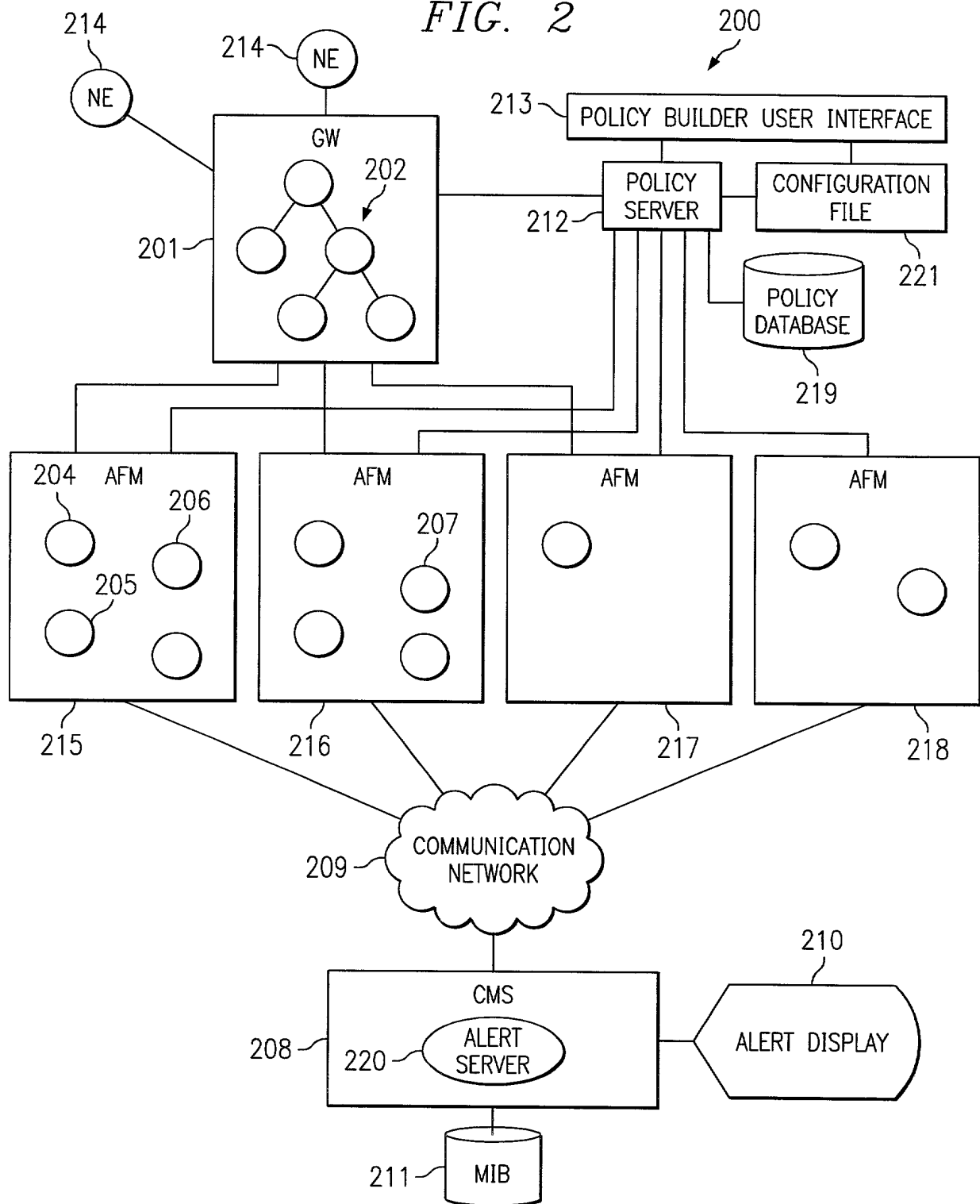


FIG. 1

System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar  
10010463-1  
2/15

FIG. 2

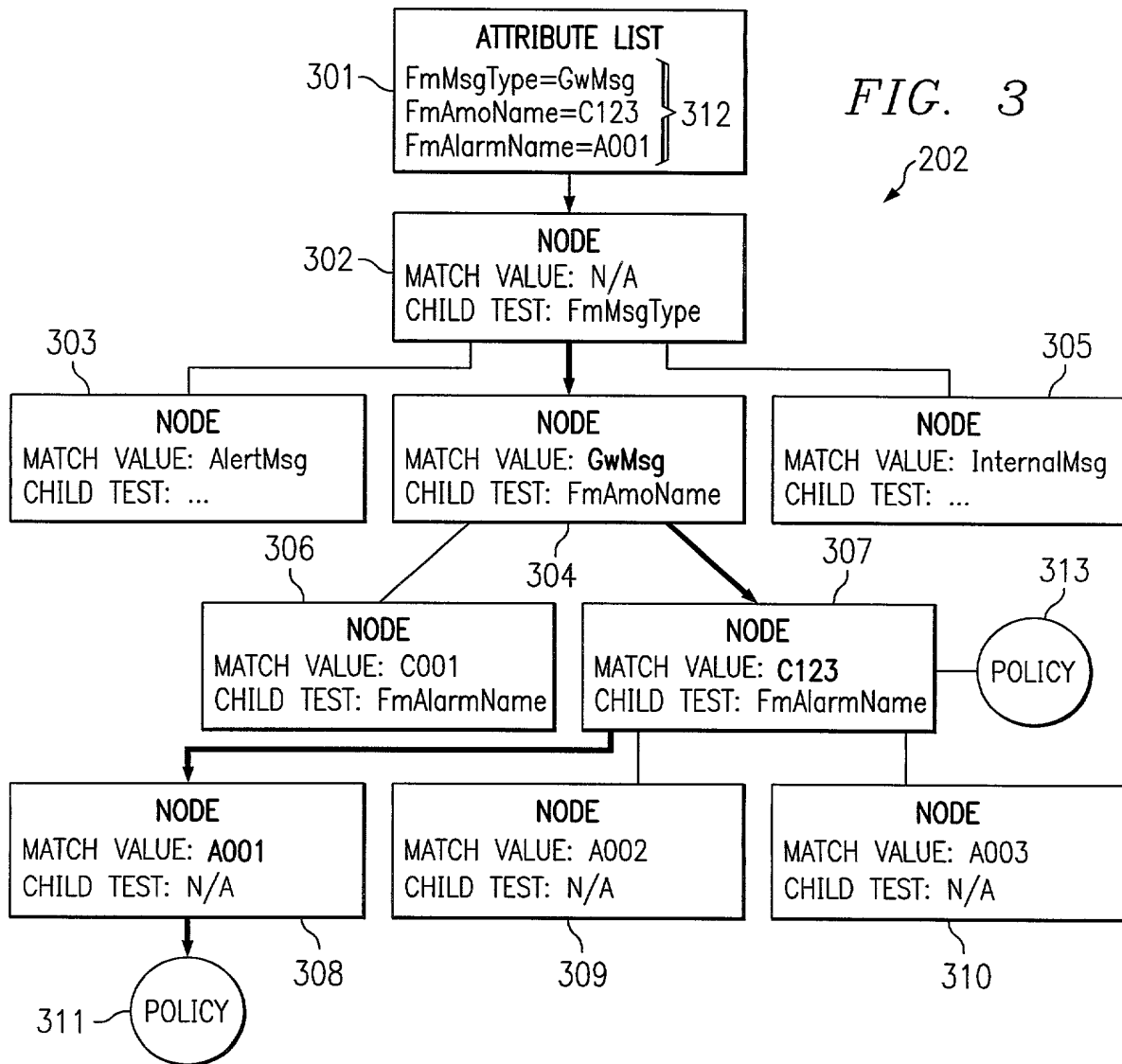


System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

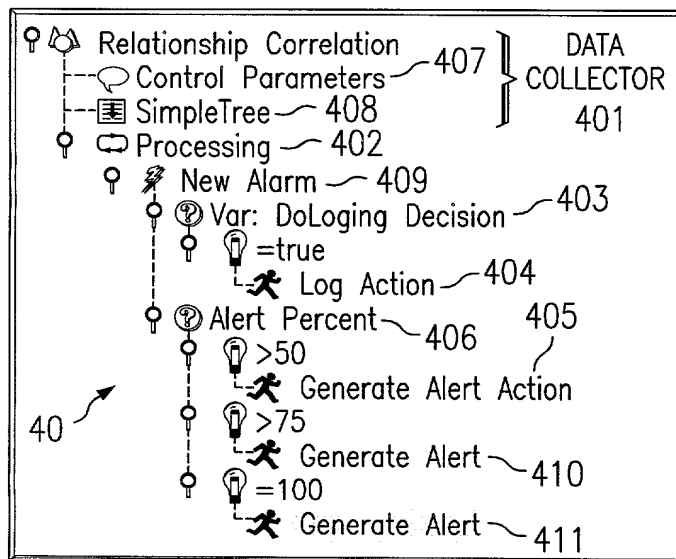
Dan Bolar

10010463-1

3/15



**FIG. 4A**



**FIG. 4B**

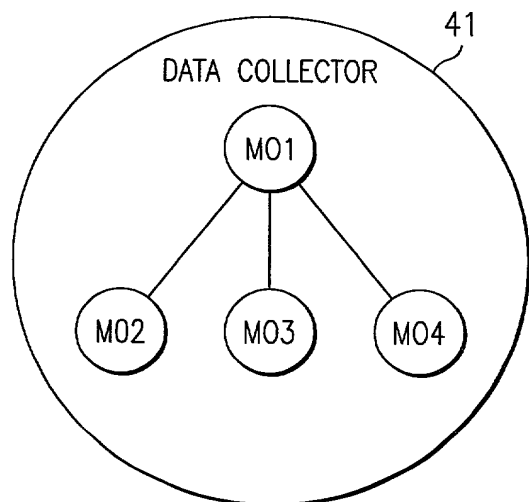


FIG. 5A

50

FM 4.0 Policy Builder Prototype

File Help

Paths Policies Templates

▽ Data Path ~501

Data Path

Path Condition

No Conditions

Sub-Paths

☒ Basic Match ☐ Complex Match ☐ Use Regular Expressions

Test Attributes 503

No Attributes Selected

504

Policies

509

508

Add Remove Remove All

506 Policies

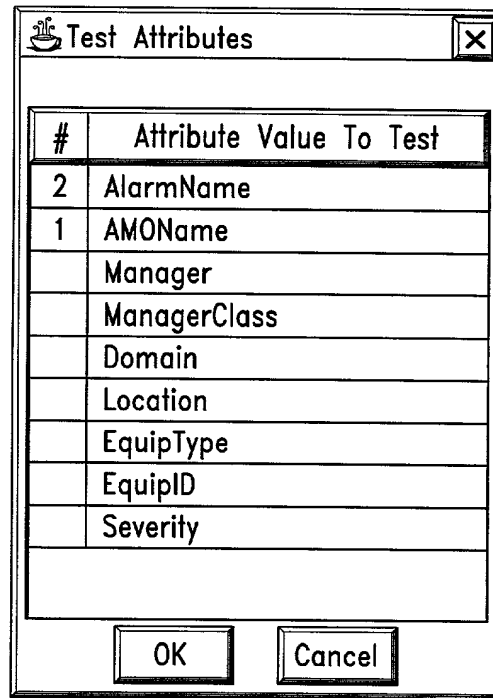
- Basic Policies
- Threshold Policies
- Escalation Policies
- Confirmation Policies

Update Data Paths ~507

System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar  
10010463-1  
5/15

51 ↗



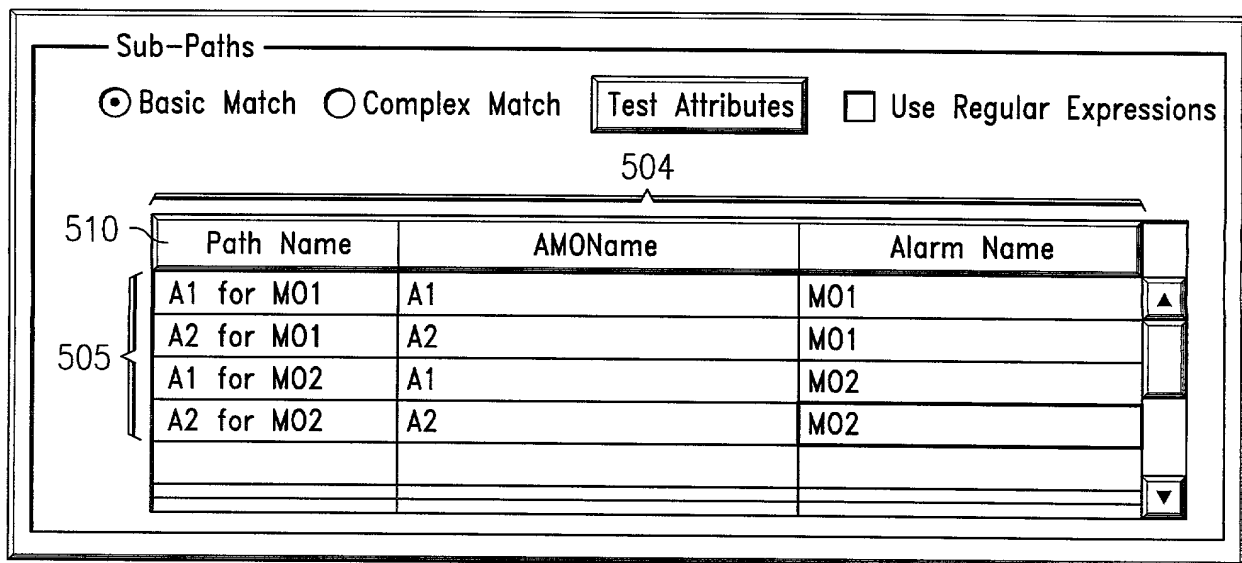
A dialog box titled "Test Attributes" with a close button (X) in the top right corner. It contains a table with two columns: "#", "Attribute Value To Test". The table has 10 rows. The first two rows are numbered 2 and 1. The first row contains "AlarmName". The second row contains "AMOName". The third row contains "Manager". The fourth row contains "ManagerClass". The fifth row contains "Domain". The sixth row contains "Location". The seventh row contains "EquipType". The eighth row contains "EquipID". The ninth row contains "Severity". The tenth row is empty. Below the table are two buttons: "OK" and "Cancel".

#	Attribute Value To Test
2	AlarmName
1	AMOName
	Manager
	ManagerClass
	Domain
	Location
	EquipType
	EquipID
	Severity

OK Cancel

FIG. 5B

50 ↘



A dialog box titled "Sub-Paths" with a close button (X) in the top right corner. It contains a section with two radio buttons: "Basic Match" (selected) and "Complex Match". To the right of these is a button labeled "Test Attributes" and a checkbox labeled "Use Regular Expressions". Below this section is a table with three columns: "Path Name", "AMOName", and "Alarm Name". The table has 5 rows. The first two rows are numbered 510 and 505. The first row contains "A1 for M01", "A1", and "M01". The second row contains "A2 for M01", "A2", and "M01". The third row contains "A1 for M02", "A1", and "M02". The fourth row contains "A2 for M02", "A2", and "M02". The fifth row is empty. To the right of the table are two vertical scroll bars. Below the table are two buttons: "OK" and "Cancel".

Sub-Paths

☒ Basic Match ☐ Complex Match  ☐ Use Regular Expressions

504

Path Name	AMOName	Alarm Name
A1 for M01	A1	M01
A2 for M01	A2	M01
A1 for M02	A1	M02
A2 for M02	A2	M02

OK Cancel

FIG. 5C

System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar

10010463-1

6/15

FIG. 5D

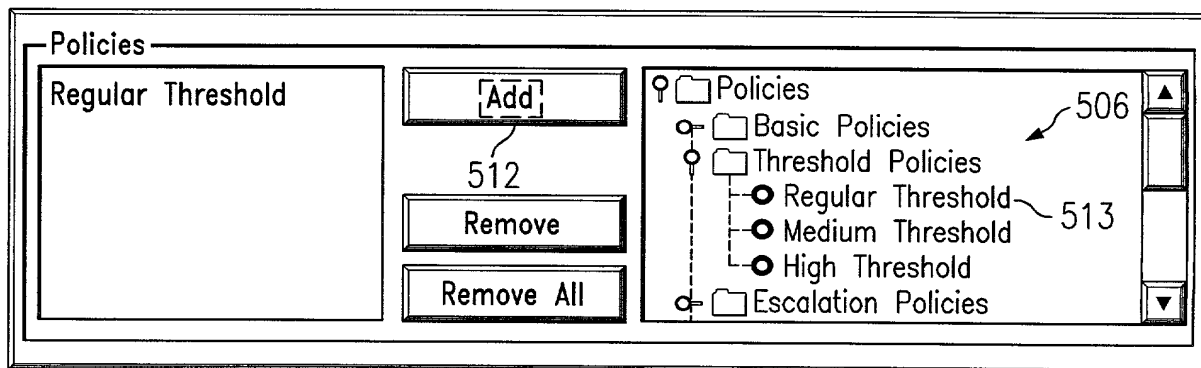
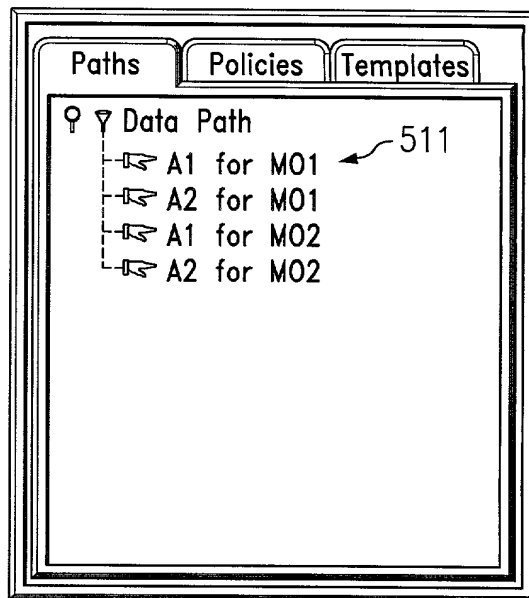
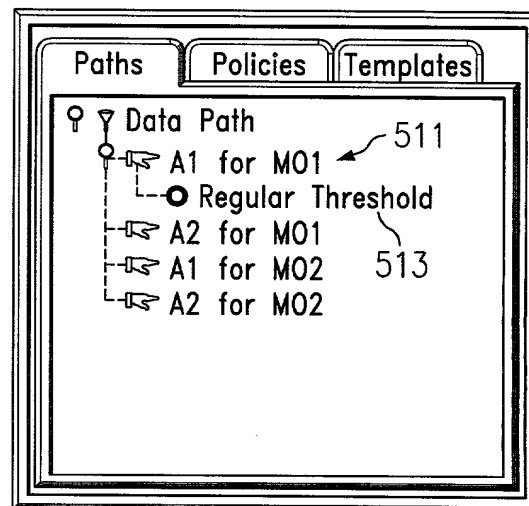


FIG. 5E

FIG. 5F



Dan Bolar

10010463-1

7/15

FIG. 5G

FM 4.0 Policy Builder Prototype

File Help

515

Paths Policies Templates

Data Path

- A1 for M01 511
- ☒ Regular Threshold 513
- A2 for M01
- A1 for M02
- A2 for M02

Regular Threshold

Threshold Severity Indeterminate ▼

M0 Name SMF232

Threshold Alert Th A 1003

Count (0 for N/A)

Clear	Warning	Minor	Major	Critical
0	2	4	6	8

Interval

Days	Hours	Minutes
0	0	10

User Information

User Notes

FIG. 6A

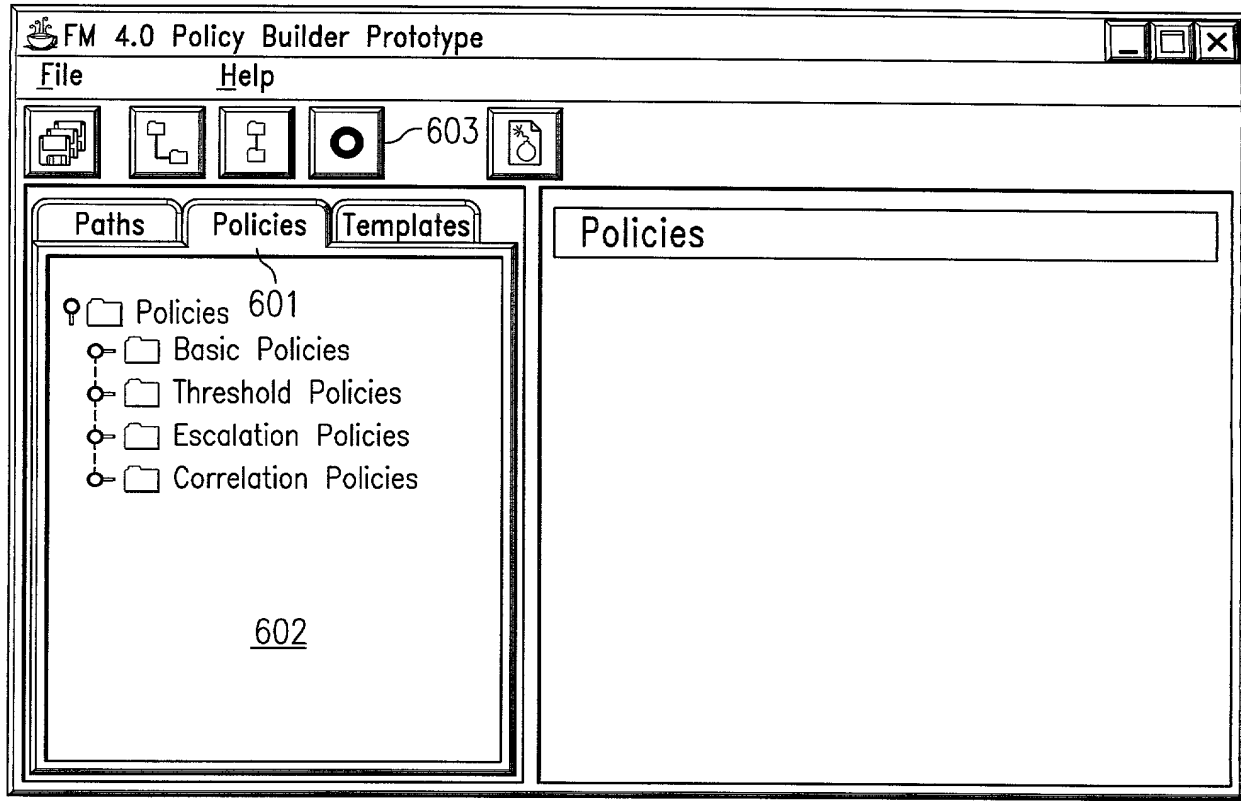
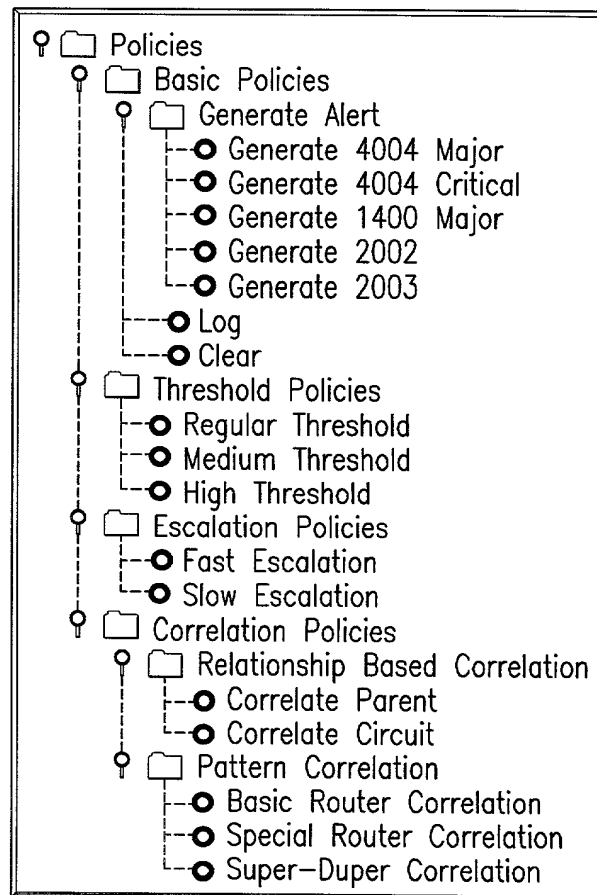


FIG. 6B





System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar

10010463-1

9/15

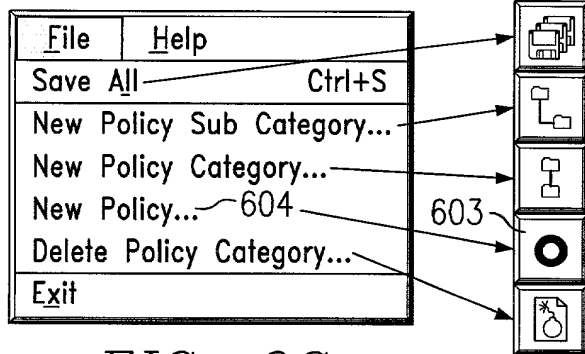


FIG. 6C

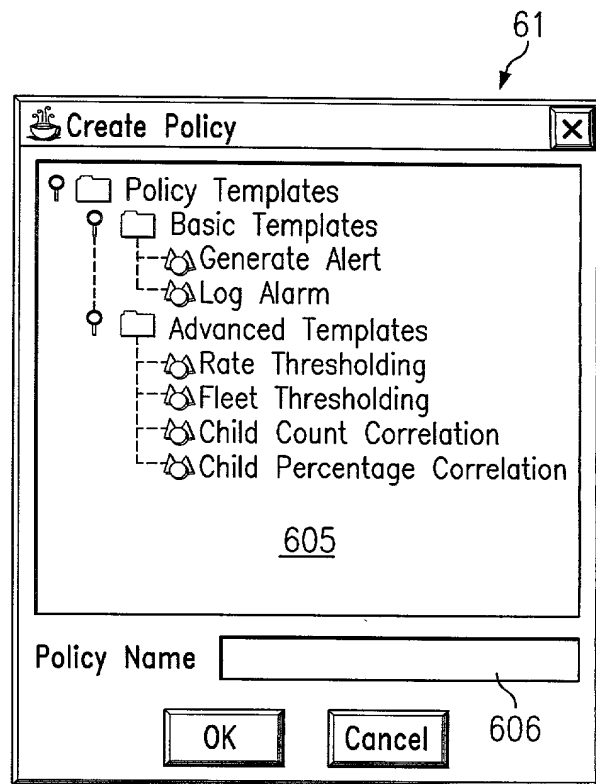


FIG. 6D

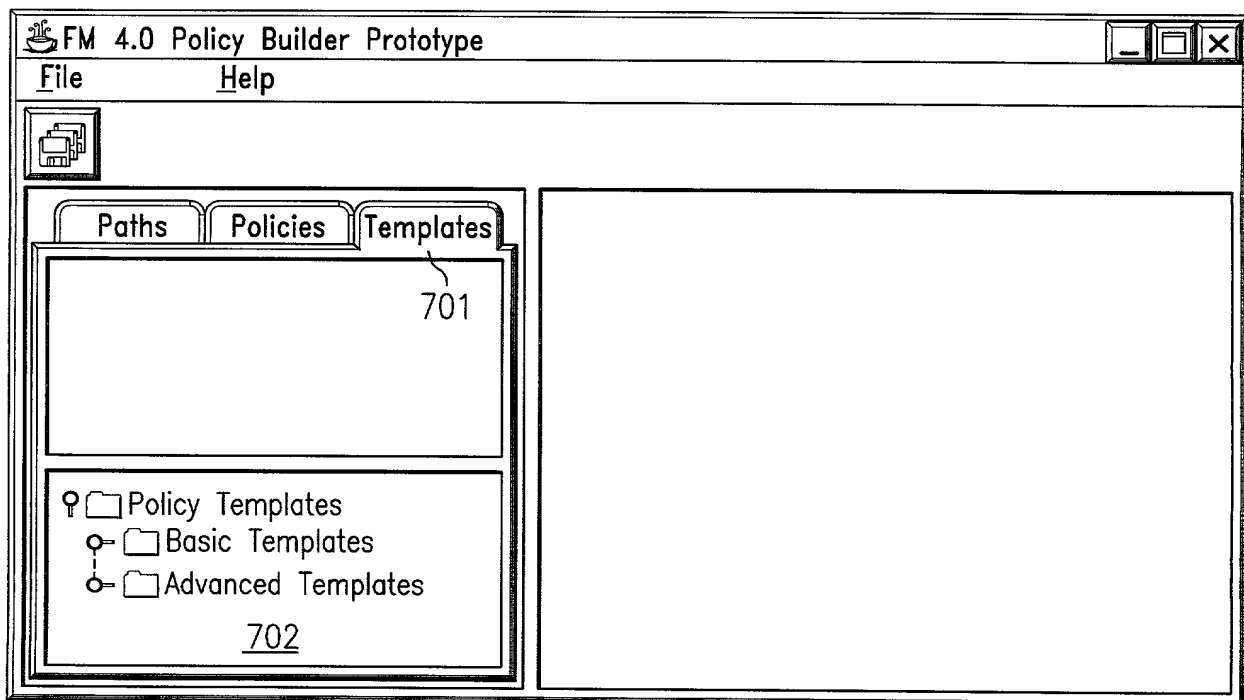


FIG. 7A

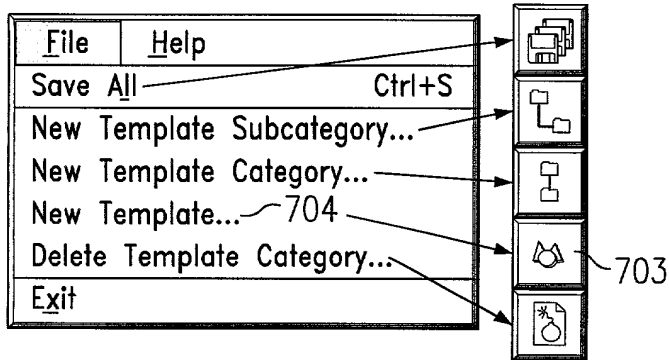


FIG. 7B

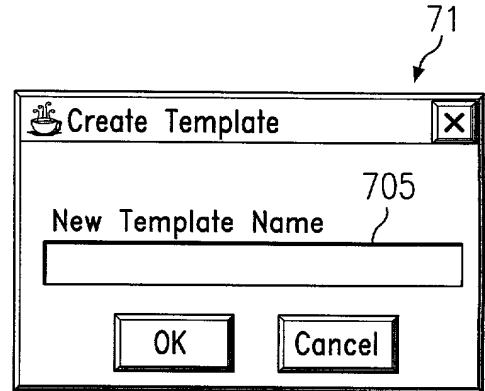


FIG. 7C

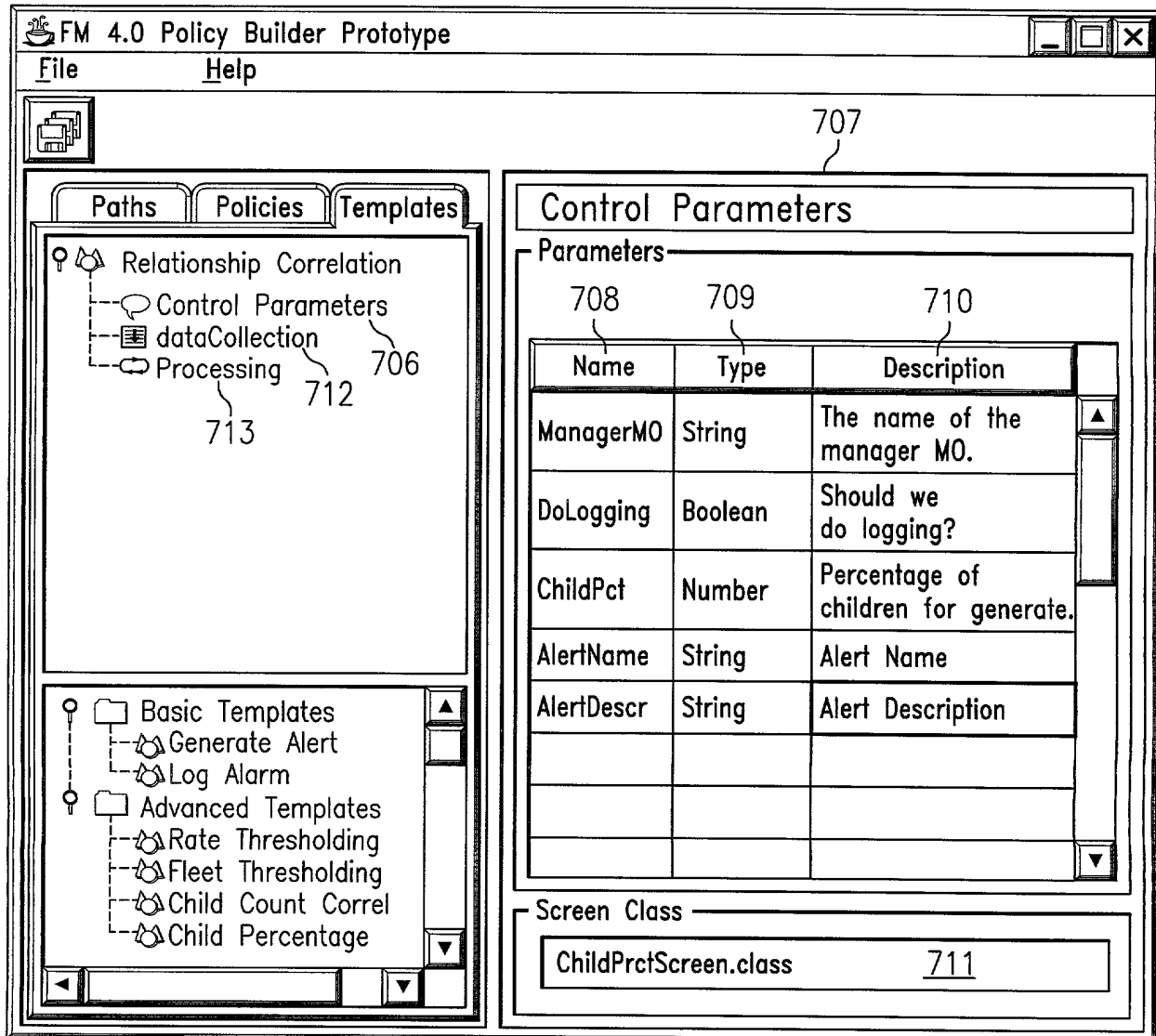


FIG. 7D

System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar

10010463-1

11/15

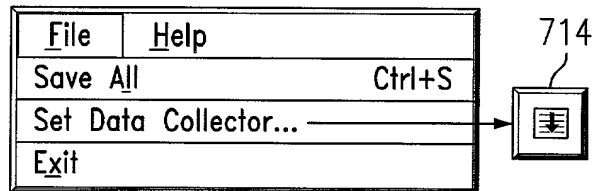


FIG. 7E

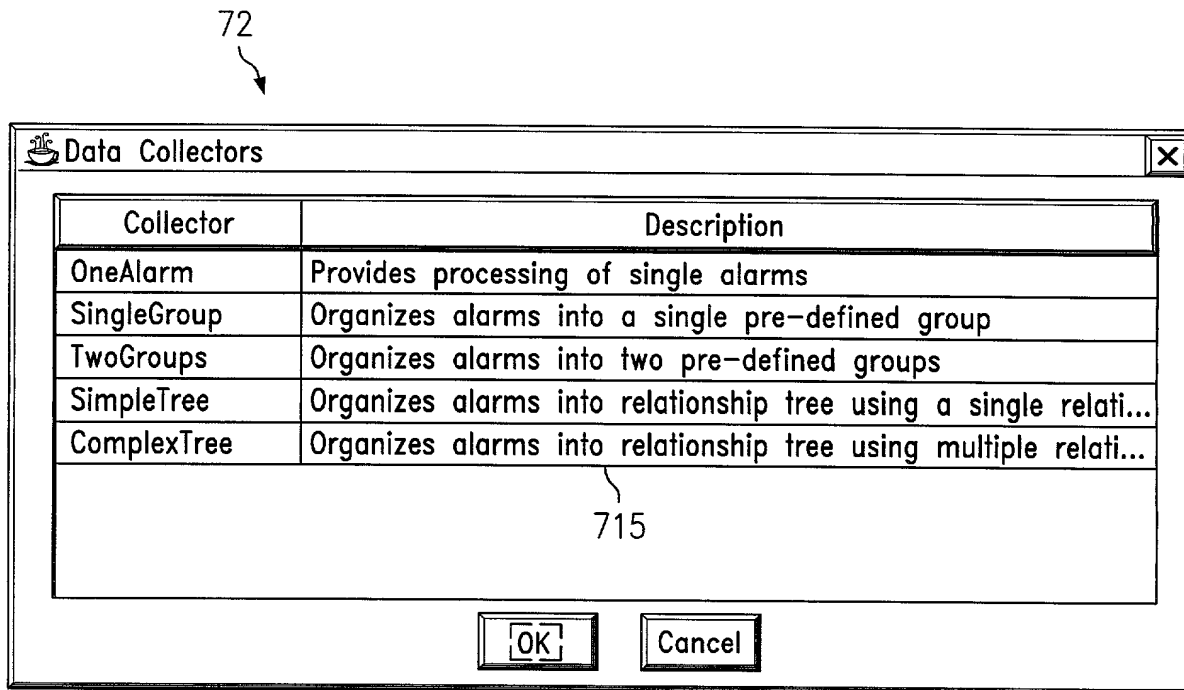


FIG. 7F

FIG. 7G

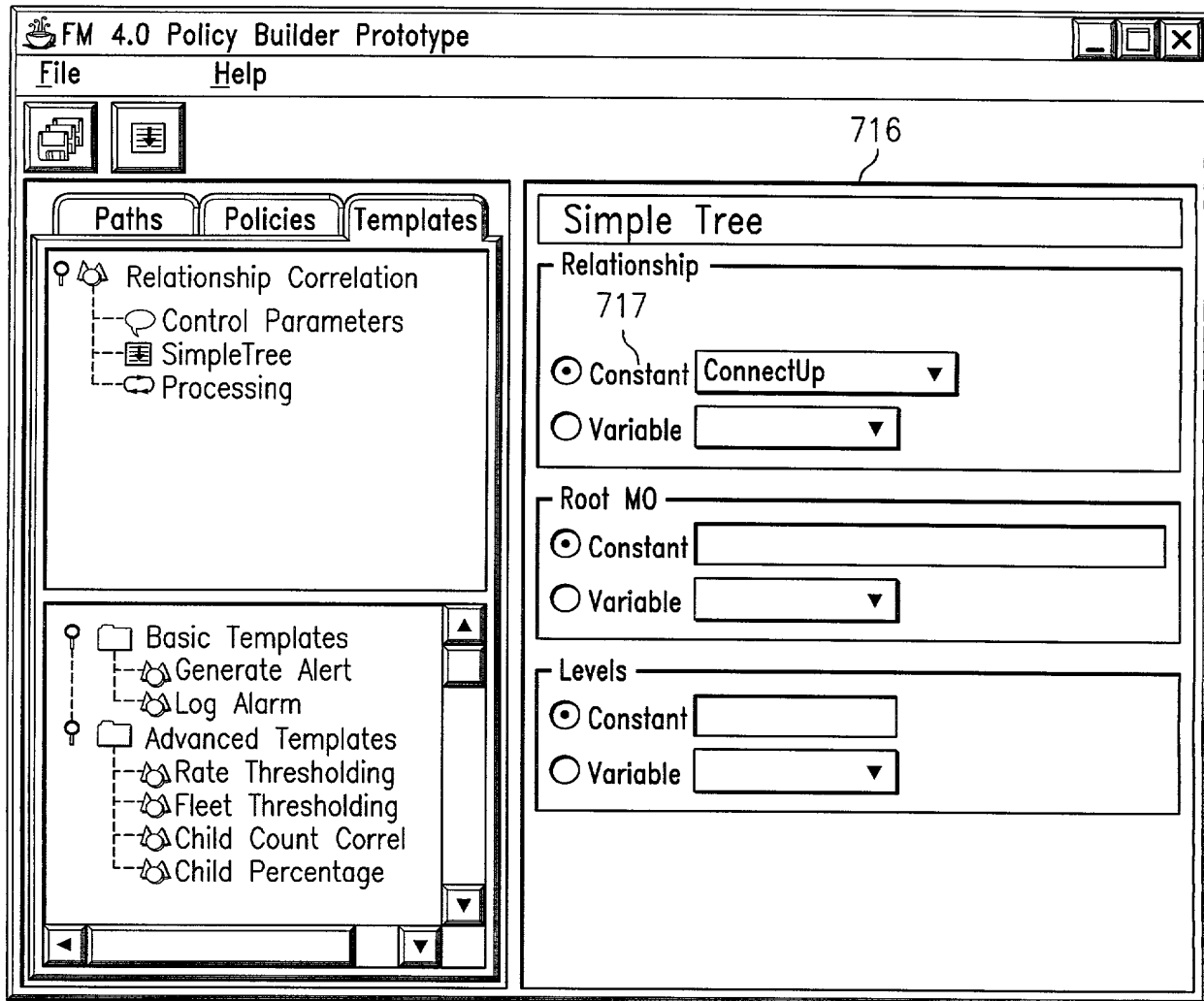
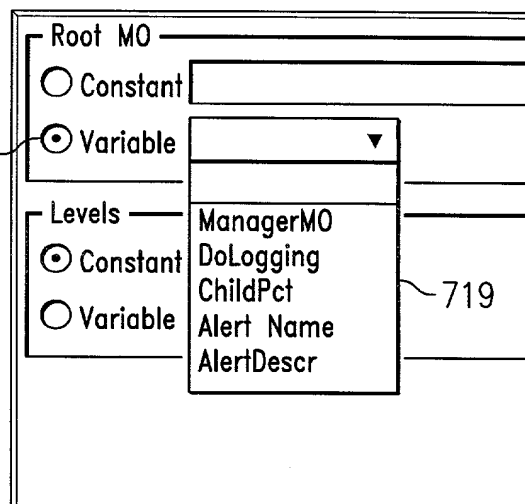


FIG. 7H

718



System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar

10010463-1

13/15

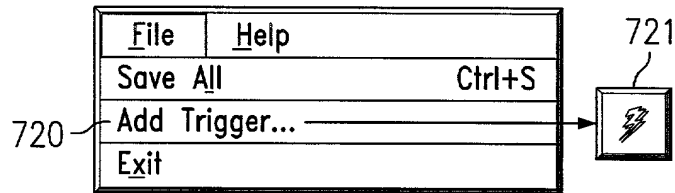


FIG. 7I

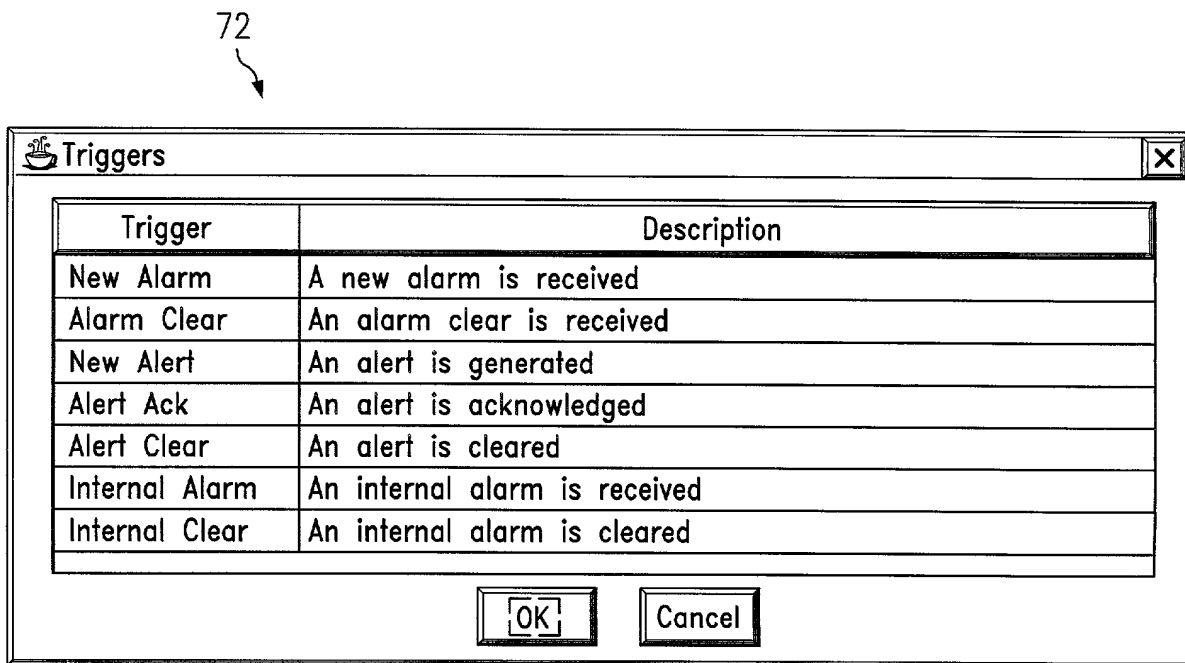


FIG. 7J

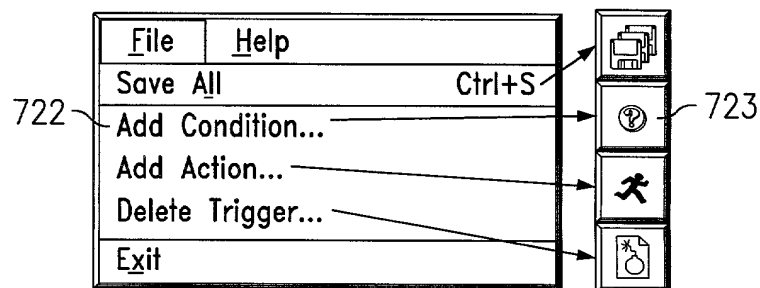


FIG. 7K

73

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

[illegible]

System and Method for Providing Distributed Fault  
Management Policies in a Network Management System

Dan Bolar

10010463-1

15/15

74

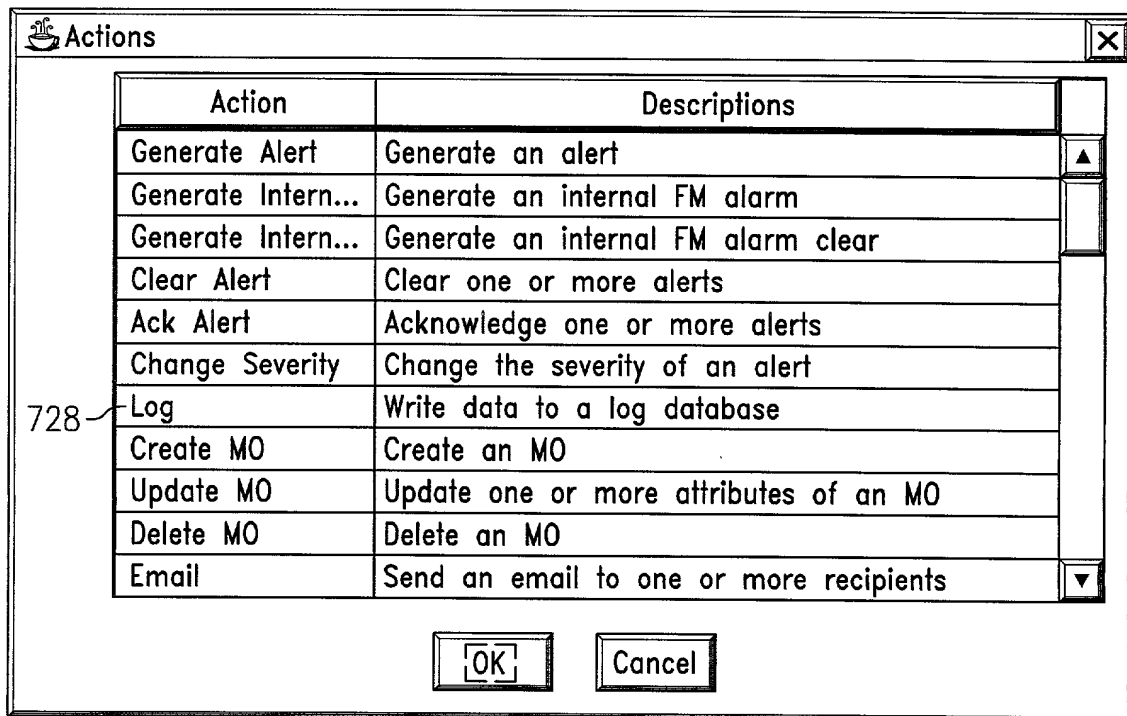


FIG. 7N